

17. (Once Amended) A high strength cast aluminum alloy product having a generally round grain structure substantially free of microshrinkage defects, wherein the aluminum alloy product has an elongation of at least about 4% and is produced by a process comprising the steps of:

providing a molten body of a melted aluminum alloy;  
centrifugally casting the molten body to form a cast body; and  
hot isostatically processing the cast body to form a hipped body.

18. (Once Amended) An article formed from an aluminum alloy having a generally round grain structure and being substantially free of microshrinkage defects, wherein the aluminum alloy has an elongation of at least about 4%.

28. (Once Amended) The article of claim 27, wherein the aluminum alloy comprises 0.4-0.8% Si, 0.15-0.4% Cu, 0.04-0.35% Cr, 0.8-1.2% Mg, 0.05-0.7% Fe and at least 94.85 wt% Al.

33. (Once Amended) A cast aluminum alloy article formed from a 6000 series aluminum alloy and having an elongation of at least about 4% and a tensile strength of at least about 38 KSI, wherein the aluminum alloy has a generally round grain structure.

Please add the following new Claims 40-51:

40. (New) The product of claim 17 wherein the aluminum alloy is substantially free of pores having a largest dimension which exceeds 0.0001 inch.

41. (New) The product of claim 40 wherein the aluminum alloy is substantially free of intergranular voids.

42. (New) The product of claim 41 wherein the aluminum alloy has a grain structure that is substantially uniform.

43. (New) The product of claim 18 wherein the aluminum alloy is substantially free of pores having a largest dimension which exceeds 0.0001 inch.

1 44. (New) The product of claim 43 wherein the aluminum alloy is  
2 substantially free of intergranular voids.

1 45. (New) The product of claim 44 wherein the aluminum alloy has a grain  
2 structure that is substantially uniform.

1 46. (New) The article of Claim 33 wherein the aluminum alloy is substantially  
2 free of micropores having a largest dimension which exceeds 0.0001 inch.

1 47. (New) The article of Claim 46 wherein the aluminum alloy has an average  
2 grain size of about 0.003 to 0.004 inch.

1 48. (New) The article of Claim 47 wherein the aluminum alloy is substantially  
2 free of microshrinkage defects.

1 49. (New) The article of Claim 48 wherein the aluminum alloy is substantially  
2 free of intergranular voids.

1 50. (New) The article of Claim 49 wherein the aluminum alloy has a grain  
2 structure that is substantially uniform.

1 51. (New) The article of Claim 50 wherein the aluminum alloy has an  
2 elongation of at least about 4%.